

List Of Potential Technologies Developed By Cswerti- Dehradun.

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Sl. No.	Title of Potential Technology	Authors	HQrs/ Research Centre	Year	Pages
1.	Maize+Cowpea Intercropping for Resource Conservation and Higher Productivity	N.K. Sharma S.C. Mohan	Dehradun	2009	06
2.	Conservation Tillage for Management of Natural Resources and Maximizing Productivity in Maize-Toria Cropping System	Ratan Singh N.K. Sharma	Dehradun	2009	08
3.	Technology for Rehabilitation of Mine Spoil Areas in Hilly Regions	G.P. Juyal, V.S. Katiyar K.S. Dadhwal	Dehradun	2009	16
4.	<i>Katta-Crate</i> Technology : A Cost Effective Measure for Rehabilitation of Torrents and Minespoil Areas	G.P. Juyal R.K. Arya	Dehradun	2009	07
5.	Geotextiles for Slope Stabilization and Erosion Control	G.P. Juyal, V.N. Sharda Chandra Prakash	Dehradun	2009	12
6.	Bio-engineering Technology for Treatment of Torrents in Shiwaliks	G.P. Juyal, A.K. Tiwari V.N. Sharda	Dehradun	2009	20
7.	Conservation Bench Terrace System – A Viable Alternative to Conventional System in Sub-humid Climates	V.N. Sharda, Ambrisk Kumar G.P. Juyal	Dehradun	2009	12
8.	Water Mill Based Integrated Farming System (IFS) for North-Western Himalayas	M. Muruganandam V.N. Sharda C.P. Arora	Dehradun	2009	16
9.	Silvipastoral Systems for Wasteland Utilization in Foothills of the Western Himalayas	A. Raizada Charan Singh	Dehradun	2009	10
10.	Peach Based Agri-horticultural Practices for Utilization of Marginal Lands	A.C. Rathore A. Raizada	Dehradun	2009	08
11.	Vegetative Barriers for Erosion Control in Western Himalayan Region	B.N. Gosh	Dehradun	2009	08
12.	<i>Aloe Vera</i> Cultivation in Interspaces for supplementing Productivity of Ber orchards in Reclaimed Yamuna Ravines	K.P. Mohapatra Pramod Jha	Agra	2009	06
13.	Tillage Practices for Erosion Control and Enhanced	Pramod Jha	Agra	2009	06

	Crop Productivity in Yamuna Ravines	K.P. Mohapatra S.K. Dubey			
14.	Green Manuring for Conservation and Production On Eroded Alluvial Soils of Yamuna Ravines	R.K. Dubey S.K. Dubey K.S. Dadhwal	Agra	2012	
15.	Use of Bottomless Used Bitumen Drum for Ber to Enhance Productivity of Pearl Millet-Wheat under Agroforestry in Semi Arid India	R.K. Dubey S.K. Dubey K.S. Dadhwal	Agra	2012	
16.	Conservation Ditching for Efficient Resource Conservation and Enhanced Productivity of Semi-Arid Vertisols	P.K. Mishra U.S. Patnaik	Bellary	2009	11
17.	Dugout Pond for Deep Black Soils in Deccan Plateau Region	R.N. Adhikari P.K. Mishra	Bellary	2009	11
18.	Bio-fencing Technology for the Vertisols of Semi-Arid Region	S.K. Nalatwadmath and S.L. Patil	Bellary	2009	11
19.	Compartmental Bunding for <i>in-situ</i> Rainwater Conservation in Medium to Deep Black Soils	S.L. Patil S.K. Nalatwadmath	Bellary	2009	11
20.	Supplemental Irrigation form Harvested Rainwater for Higher Crop Production in Shivalik Region	Pratap Singh A.K. Tiwari Pawan Sharma	Chandigarh	2009	08
21.	<i>Aonla</i> Based Land Use Systems for Degraded Shivaliks	Ram Prasad	Chandigarh	2009	11
22.	<i>Ber</i> Based Agri-Horticultural Systems for Marginal Lands in Shivaliks	Pratap Singh Ram Prasad	Chandigarh	2009	11
23.	Vermicompost – An Effective Conditioner For Red Soils of Bundelkhand Region	H. Biswas Dev Narayan S.P. Tiwari	Datia	2009	08
24.	Improved Tillage and Mulch Practices for Resource Conservation and Higher Yield of Sorghum in Red Soils.	Dev Narayan S.P. Tiwari	Datia	2012	08
25.	Rainwater Harvesting and Utilization Techniques for Red Soils of Semi-Arid Region.	Dev Narayan H. Biswas S.P. Tiwari	Datia	2012	08
26.	<i>Jhola Kundi</i> : A Low Cost Water Harvesting Technique for Augumenting Production of <i>Jhola</i> Lands in Eastern Ghat High Land Region of Orissa	R.K. Panda, Susama Sudhishri Anchal Dass	Koraput	2010	07
27.	Ragi + Pigeon Pea Intercropping for Higher Productivity in Tribal Area of Orissa & Eastern Ghat Region	Aanchal Dass, K.P. Gore and Praveen Jakhar	Koraput	2010	07
28.	Sorghum + Pigeon Pea Intercropping for Stabililzing Productivity in South-Eastern Rajasthan	J. Somasundaram and Ashok Kumar	Kota	2010	-
29.	Castor + Greengram Intercropping for Delayed Onset	S.N. Prasad	Kota	2010	-

	of Monsoon in South-Eastern Rajasthan	Ashok Kumar			
30.	Contour Furrows for Enhancing Productivity in Medium Deep Black Soils of South-Eastern Rajasthan	R.K. Singh B.K. Shetty	Kota	2010	-
31.	Tea Plantation for Economic Utilization and Stabilization of Terrace Risers in the Nilgiris	P. Sundarambal and D.V. Singh	Udhgamandalam	2010	11
32.	Mixed Vegetative Barrier of Pineapple and Grass-An Effective Soil and Water Conservation Measure for Western Ghats Region	M. Madhu O.P.S. Khola	Udhgamandalam	2010	12
33.	Soil and Water Conservation Measures in New Tea Plantations Areas for Sustainable Production	M. Madhu D.C. Sahoo	Udhgamandalam	2010	16
34.	Bench Terracing - An Effective Soil Conservation Measure for the Nilgiris	V. Selvi D.V. Singh	Udhgamandalam	2010	12
35.	Recharge Filter – A Cost Effective Technology for Augmenting Groundwater	R.S. Kurothe, D.R. Sena Gopal Kumar	Vasad	2010	12
36.	Drumstick Based Agri-Horti System for Replacing Tobacco in Central Gujarat	H.B. Singh V.C. Pande	Vasad	2010	11
37.	Bamboo and <i>Anjan</i> Grass for Enhancing Productivity of Mahi Ravines	R.S. Kurothe V.C. Pande	Vasad	2010	08
38.	Potassium Application for Resource Conservation and Enhanced Productivity in North-West Himalayan Region	Dr. B.N. Ghosh. Dr. O.P.S. Khola Dr. K.S. Dadhwal	Dehradun	2011	07
39.	Balanced and Integrated Nutrient Management in Dominant Cropping Systems for Enhanced Crop-Water Productivity in Farmers' Field of North-West Lower Himalayan Region	Dr. B.N. Ghosh, Dr. N.K. Sharma Dr.K.S. Dadhwal	Dehradun	2011	08
40.	Mixed Cropping System (Wheat+Mustard) for Maximizing Production under Rainfed Condition	Dr. N.K. Sharma, Dr. K.S. Dadhwal Sh. S.C. Mohan	Dehradun	2011	04
41.	<i>In-situ</i> Sunnhemp Green Manure Mulching in Rainfed Maize Based Cropping System for Higher Productivity	Dr. N.K. Sharma, Dr. K.S. Dadhwal	Dehradun	2011	04
42.	Aonla Based Agri-Horticulture Systems for Sloppy Lands in Doon Valley	Dr. A.C. Rathore Sh. R.K. Dubey Dr. N.K. Sharma Dr. K.S. Dadhwal	Dehradun	2011	08
43.	A Rapid Farmer-Friendly Method to Estimate Soil Health	Dr. D. Mandal, Dr. K.S. Dadhwal Dr. N.M. Alam	Dehradun	2011	04
44.	<i>Grewia optiva</i> (Bhimal) + Hybrid Napier Based Silvopastoral System for Degraded Lands in North-	Dr. Charan Singh, Dr. K.S. Dadhwal	Dehradun	2011	08

	West Himalayas				
45.	High Yielding Provenances of Bhimal (<i>Grewia Optiva</i>) for North-Western Himalayas	Dr. H. Mehta, Dr. P.C. Tyagi Dr. K.S. Dadhwal	Dehradun	2011	08
46.	<i>Paulownia Fortunei</i> – A Wonder Tree for Agroforestry Systems	Dr. Charan Singh, Dr. K.S. Dadhwal	Dehradun	2011	08
47.	Improving Kinnow Mandarin Productivity through Micro-Irrigation and Mulching In Degraded Riverbed Lands	Dr. A.C. Rathore, Dr. J. Jayaprakash, Er. S.S. Shrimali, Dr. O.P.S. Chaturvedi	Dehradun	2011	12
48.	Mango Based Agri-Horticultural System for Degraded Lands of North-Western Himalayas	Dr. A.C. Rathore, Dr. N.K. Sharma, Er. S.S. Shrimali, Dr. J. Jayaprakash, Dr. O.P. Chaturvedi, Dr. K.S. Dadhwal	Dehradun	2011	12
49.	Composite Fish Culture in Water Harvesting Structures	Sh. M. Muruganandam	Dehradun	2011	12
50.	Paddy-Fish Integrated Farming System for North-Western Himalayas	Sh. M. Muruganandam, Dr. G.P. Juyal, Dr. B.L. Dhyani, Dr. N.K. Sharma	Dehradun	2011	08
51.	Transport Techniques of Fish Seeds and Live Fishes to and fro from Watershed Ponds	Sh. M. Muruganandam	Dehradun	2011	12
52.	Productive Utilization of Bouldery Riverbed Lands by Cultivation of Aromatic Grasses	Dr. J.M.S. Tomar, Dr. A.C. Rathore, Dr. R. Kaushal, Dr. O.P. Chaturvedi, Dr. K.S. Dadhwal	Dehradun	2011	07